

**Amendments to the Specification:**

Please insert the following paragraph after the title, beginning at page 1, line 6, as follows:

--This Application is a divisional of U.S. Application Serial No. 10/219,589, filed August 15, 2002, now abandoned.—

Please replace the paragraph on page 10, line 11 with the following:

--In most situations, the resistivity of the heater material, e.g., nichrome, is a fixed value. In such an instance, the heater designer must arrange the heater geometry (L and A) to obtain the desired power. For example, if it is desired to heat a tube b winding nichrome wire around it, the designer chooses the correct diameter wire for A, the cross sectional area through which the electric current must pass, and the spacing of the windings for L, the total path length of the electric current. In the thermal spray techniques described, e.g., in U.S. Patent No. 5,420,395; U.S. Application No. 09/996,183, filed November 29, 2001; U.S. Application No. 09/073,775, filed May 6, 1998; and U.S. Application No. [[\_\_\_\_\_]] 10/219,589, filed August 15, 2002, entitled RESISTIVE HEATERS AND USES THEREOF, the resistivity of an element, in this case a deposited layer, is determined by the materials and processes used in its deposition. That the resistivity can be a controlled variable is significant because it represents an additional degree of freedom for the heater designer.--

Please replace the paragraph on page 12, line 16 with the following:

--Examples of resistive elements that may be used in the invention include thick film resistive elements, ceramic elements, semiconductor elements, and metallic elements (e.g.,

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nichrome elements). These elements may be fabricated, e.g., by screen printing resistive inks; by thermal spraying, e.g., resistive alloys (e.g. nichrome), mixtures of ceramics (as described in U.S. Application No. 09/073,775), or a reactive metallic component and a reactant (as described in U.S. Application No. 09/996,183 and U.S. Application No. [[\_\_\_\_\_]] 10/219,589, filed August 15, 2002, entitled RESISTIVE HEATERS AND USES THEREOF), or using resistive wires, plates, or tapes. Other methods are known to those skilled in the art.--

Please replace the paragraph on page 26, line 19 with the following:

--A mold of the invention may include an array of thermocouples in order to monitor the temperature of the mold. The array is distributed around the mold to generate a profile of the temperature of the entire mold or a portion thereof. Thermocouples are commercially available or are fabricated as described in U.S. Application No. [[\_\_\_\_\_]] 10/219,589, filed August 15, 2002, entitled RESISTIVE HEATERS AND USES THEREOF.--

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